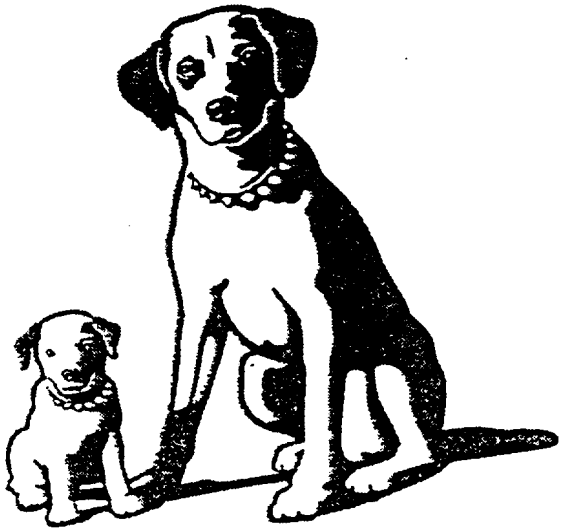
S57 06 708

USER'S GUIDE

E13205

RCA



COLOR TV

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Important Information

WARNING

To reduce the risk of fire or shock hazard, do not expose this TV to rain or moisture.

WARNING

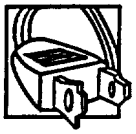
RISK OF ELECTRIC SHOCK
DO NOT OPEN

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.

Cautions



CAUTION:
To reduce the risk of electric shock, match wide blade of plug to wide slot, fully insert.

ATTENTION:
Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqú au fond.

Operate TV only on 120 volts, 60 Hz AC power (normal house power).

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Note To Cable TV Installer

This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you ever need them. The numbers are located on the back of the TV.

Model No _____

Serial No _____

Purchase Date: _____

Dealer/Address/Phone _____

_____

_____

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Introduction

Thank you for choosing RCA

Your television is designed for long life and superior operation. Despite its sophistication, your new TV is amazingly simple to operate because it has so many automatic features.

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Getting Started

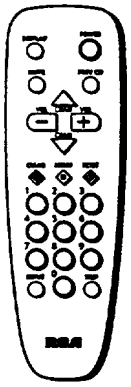
First-Time Operation

The steps below will help you get your TV connected and working quickly. Page numbers are also listed for more details.

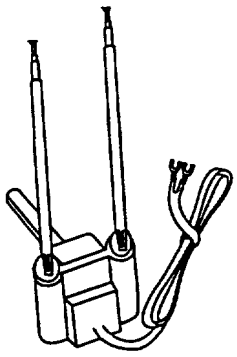
1. Unpack TV and accessories.

Shown below are the accessories that came packed with your TV.

Antenna Adapter
Replace adapter only with stock #193983



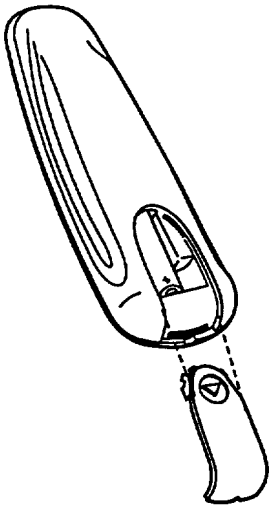
Remote Control and Two Batteries



Dipole Antenna

2. Place batteries in remote.

1. Turn the remote control face down.
2. Press down on the ridged area of the battery cover and slide it off.



3. Place two "AAA" batteries as shown matching the + and – end of each battery in the compartment.
4. Replace the cover.

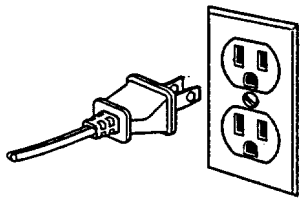
3. Connect antenna or cable-TV system.

Most antenna or cable-TV systems can be connected as shown here.

- Details for connecting a home antenna to your TV are on *page 14.*
- Details for connecting a cable-TV system to your TV are on *pages 15-16.*

4. Plug in the TV.

Plug in the TV, matching the wide and small blade of the plug with the outlet.



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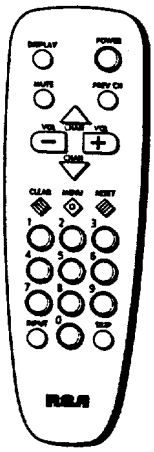
First-Time Operation

5. Turn on TV and place channels in memory.

Your TV is designed to place active channels into your TV's memory the first time you turn it on.

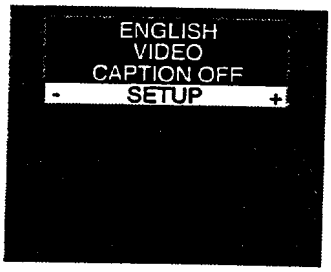


- Press *POWER* on the TV or remote to turn on the TV.
- The TV automatically cycles through all channel numbers and places active channels into the channel memory. When your TV is finished, it tunes to the lowest channel number in its channel memory.

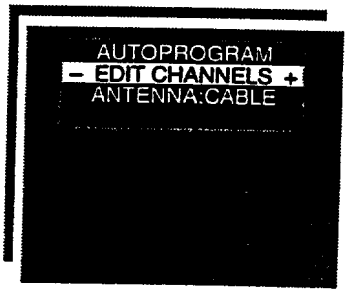
6. Edit the channel memory.

You can add and erase channels from memory as desired.

- Press *MENU* repeatedly to highlight *SETUP*. Then press + to select the *SETUP* menu.

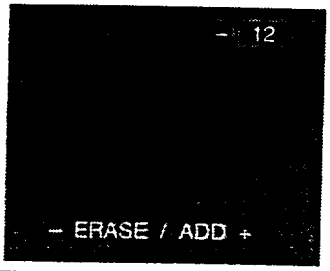


- Press *MENU* repeatedly to highlight *EDIT CHANNELS*.



Press *MENU* repeatedly to see 2nd setup menu.

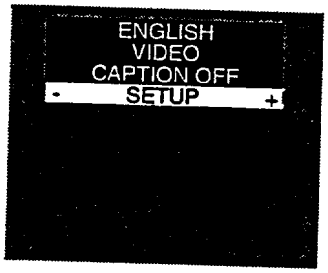
- Press + to select *EDIT CHANNELS*.
- Select the desired channel number by pressing the *CHAN* up or down button or by pressing two number buttons.



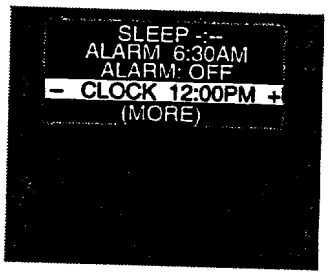
- Then press + to add a channel, or press – to erase a channel. *Details are on page 12.*
- Press *CLEAR* to remove the menu from the screen.

7. Set the clock.

- Press *MENU repeatedly* until *SETUP* is highlighted. Then press + to select the *SETUP* menu.



- Repeatedly press *MENU* to select *CLOCK*.



- Press and hold – to set the correct hour. Then press and hold + to set the correct minutes.
- Press *CLEAR* to remove the menu from the screen.

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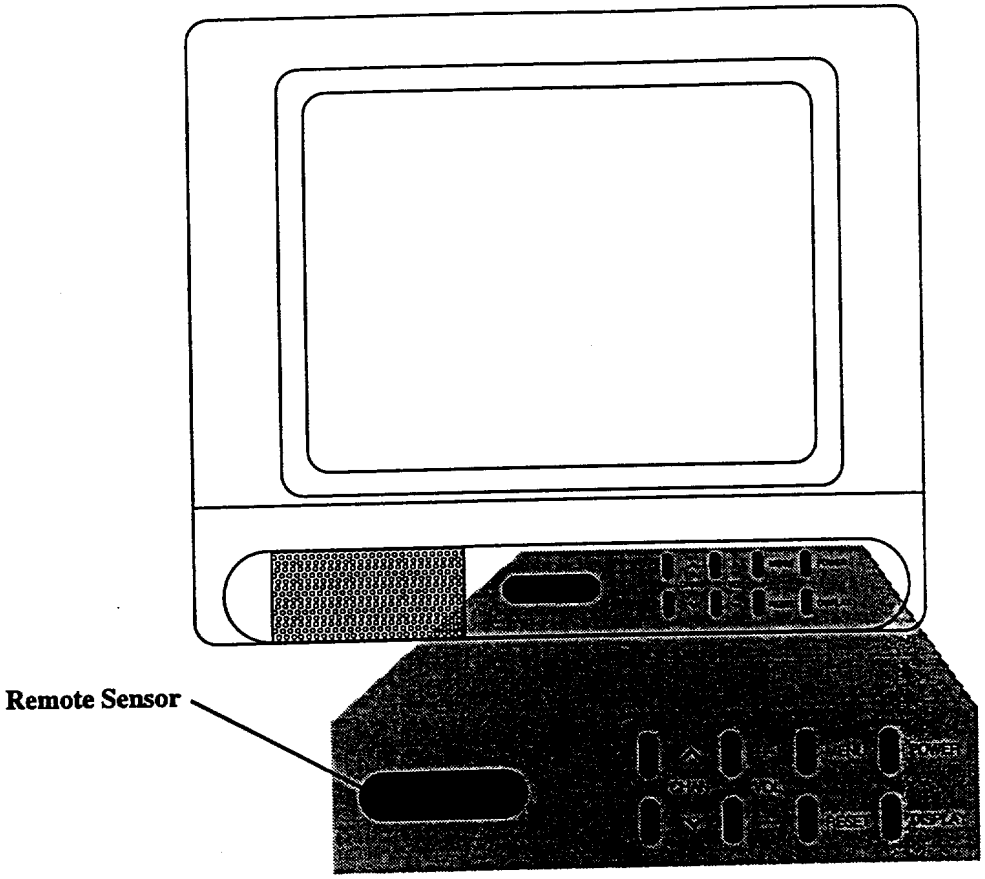
Controlling Your TV

Front Panel

Shown here are the front-panel buttons.



Remote Sensor
- When using the remote control, point it toward this sensor.

CH **∨ and ∧ Buttons (Channel Up and Down)**
- Press Channel up to see the next higher channel in memory.
- Press Channel down to see the next lower channel in memory.
- You can add or erase channels in memory as desired. *Details are on page 12.*

VOL **Buttons (Volume Up and Down)**
(Also + and – Buttons)
- Press *VOL* + to increase volume, or press *VOL* – to decrease volume.
- Press + or – to adjust the setting of an item that is highlighted in the menu.
- The volume display will automatically appear on the screen when you press the *VOL* buttons.

MENU **Button**
- Press repeatedly until the item you want is highlighted, then press + or – to enter the menu.
- Press repeatedly to move down each menu screen and then press + or – to adjust each setting.
- To mute the TV, press once and then press +.

POWER **Button**
- Press to turn the TV on or off.

RESET **Button**
- Press to return all video settings (color, tint, contrast, brightness and sharpness) back to the original settings.

DISPLAY **Button**
- Press to display the time and channel number on the screen.
- Press to see if the Sleep Timer and/or Alarm Timer is set.
- Press to quickly remove menus from the screen.

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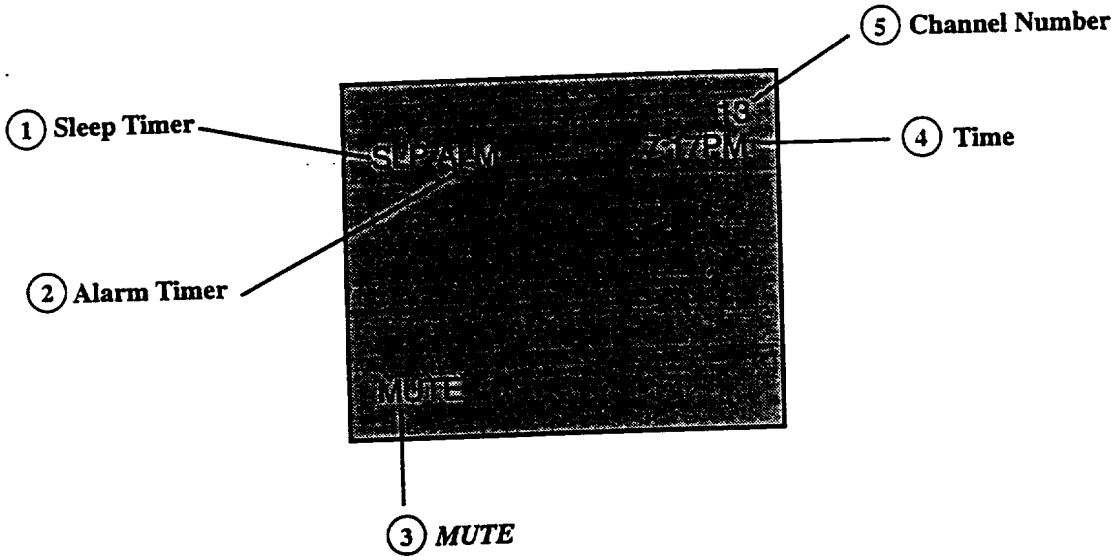
Controlling Your TV

On-Screen Displays



1 Sleep Timer
This display appears when the sleep timer has been set. *Details are on page 10.*

2 Alarm Timer
This display appears when the alarm timer has been set. *Details are on page 11.*

3 *MUTE*
This display appears when the TV's sound is muted. Press *MUTE* on the remote. *Details are on page 6.*

4 Time
This display appears after the clock is set whenever you change channels or press *DISPLAY.*

5 Channel Number
This display appears whenever you change channels or press *DISPLAY.*

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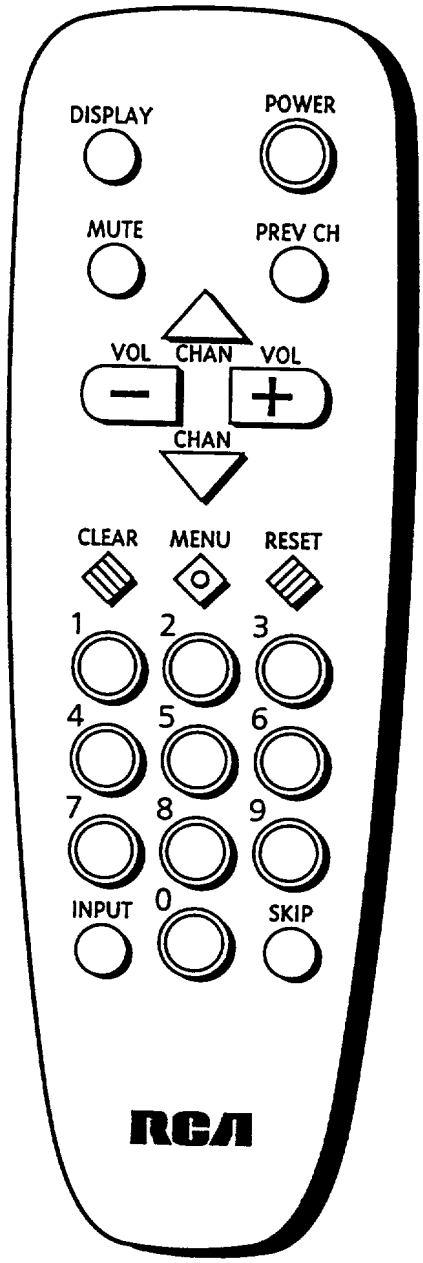
Controlling Your TV

Remote Operation

When operating the remote, point it directly at the front of the TV. Objects between the remote and the remote sensor can block the signal to the TV.



***POWER* Button**

- Press to turn the TV on or off.

***PREV CH* Button (Previous Channel)**

- Pressing this button switches the TV back to the last tuned channel. This is useful if you want to watch two channels.
- Select the first channel you wish to watch. Then select the other channel by pressing two number buttons.
- The TV changes back and forth between the two channels each time you press this button.

***DISPLAY* Button**

- Press to display the time and channel number on the screen.
- Press to see if the Sleep Timer and/or Alarm Timer is set.
- Press to quickly remove menus from the screen.

***MUTE* Button**

- Press to quickly reduce sound to minimum level. Closed captioning (C1) automatically appears on the screen when you press *MUTE*.
- To restore sound and normal picture, press *MUTE* again or press *VOL* up.

***CHAN* ∨/∧ Buttons (Channel Up and Down)**

- Press to select the next higher or lower channel in memory.
- You can add or erase channels in memory as desired.
Details are on page 12.

***VOL* Buttons (Volume Up and Down) (Also – and + Buttons)**

- Press *VOL* + to increase volume, or press *VOL* – to decrease volume.
- Press + or – to adjust the setting of an item that is highlighted in a menu.
- The volume display appears on the screen when you press the *VOL* buttons.

***MENU* Button**

- Press repeatedly until the item you want is highlighted, then press + or – to enter the menu.
- Press repeatedly to move down each menu screen and then press + or – to adjust each setting.

***RESET* Button**

- Press to return all video settings (color, tint, contrast, brightness, and sharpness) back to the original settings.

***CLEAR* Button**

- Press to clear the screen of all on-screen displays except *MUTE*.

Number Buttons (0-9)

- Press to access any channel number.
- To select a channel, press two number buttons. For example, press 0 then 6 for channel 6.
- To select a 3-digit number, press and hold number button 1 until 1— appears on the screen. Then press the other two numbers.

***INPUT* Button**

- Switches the TV to channel 03. This is useful if you have a VCR connected to your TV.

***SKIP* Button (Commercial Skip)**

- Allows you to look at other channels during commercials using the *CHAN* buttons.
- Each press adds 30 seconds. The TV switches back to original channel when time runs out.

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Operating Features

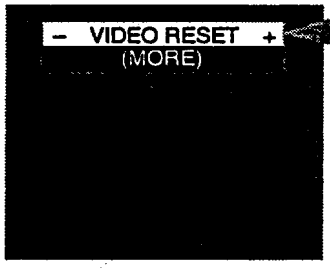
VIDEO Menu

Press *MENU* until *VIDEO* is highlighted. Then press + to select the *VIDEO* menu. Press *MENU* to move down the menu and + and – to adjust each function.

Caution: When using TV games, computers, and similar products with your TV, keep the brightness and contrast functions at low settings. If a fixed, non-moving pattern is left on the screen for long periods of time at a high brightness or contrast setting, the image can be permanently imprinted onto the screen. These types of imprints are not covered by your warranty because they are the result of misuse.

Press *MENU* to select *VIDEO*

Press + for 1st *VIDEO* Menu Screen



The *VIDEO RESET* function changes all the video functions (color, tint, contrast, brightness, sharpness) back to the factory settings. Press + or – to reset the video functions. *RESET* appears on the TV screen momentarily while the functions are being adjusted.

Press *MENU* until the second *VIDEO* Menu appears

The *COLOR* function adjusts the amount of color in the picture. Press + or – to select *COLOR*, then press + to increase or press – to decrease color.

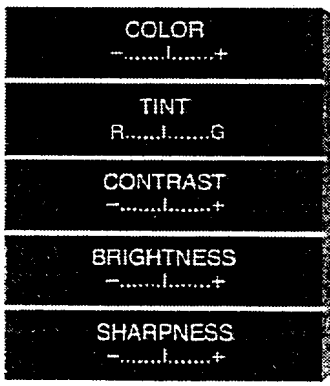
The *TINT* function adjusts the color of flesh tones. Press + or – to select *TINT*. Press + to add more green tint or press – to add more red tint.

The *CONTRAST* function adjusts the overall brightness and contrast of the picture. Press + or – to select *CONTRAST*. Press + to increase or press – to decrease contrast.

The *BRIGHTNESS* function adjusts the brightness of the dark portions of the picture. Press + or – to select *BRIGHTNESS*. Press + to increase or press – to decrease brightness.

The *SHARPNESS* function adjusts picture sharpness. Press + or – to select *SHARPNESS*. Press + to increase or press – to decrease.

Adjustment Displays



These functions are displayed individually at the bottom of the screen once they have been selected. The setting can be adjusted at that time by pressing either the + or – button.

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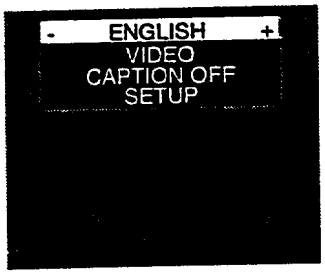
Operating Features

Languages

The on-screen displays in this TV can be displayed in three languages: English, French, and Spanish. When you select a language, most of the displays will be shown on the screen in your preferred language.

Selecting a Language

1. Press *MENU* once to bring up the main menu and highlight *ENGLISH*.



2. Press + or – to select *FRANCAIS* (French), *ESPANOL* (Spanish), or *ENGLISH*.

Closed Captioning

Closed captioning lets you display the audio portion of a program as text on the TV screen. This is useful to the hearing impaired or anyone who wants to watch a program without the sound.

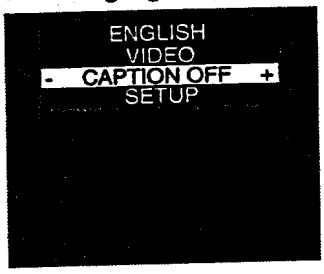
There are two types of closed captioning available: *C1* (Caption 1) and *C2* (Caption 2). *C1* displays the full translation of the primary language in your area. *C2* may be used as a source for secondary languages, simplified English, or other translations transmitted in your area.

The closed captioning feature in this TV does not support a Text Mode. Typically, the Text Mode consists of program information, weather bulletins, local activities, etc.

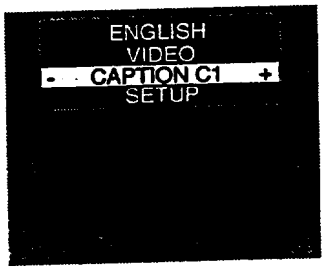
Closed captioning is not available on all channels or at all times. Only specific programs are encoded with closed captioning information (CC).

Setting Closed Captioning

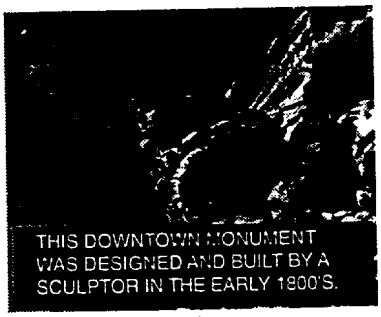
1. Press *MENU* until *CAPTION OFF* is highlighted.



2. Press + or – to select *OFF*, *C1*, or *C2*.



3. The screen displays the TV program's audio portion as text if the program has closed captioning.



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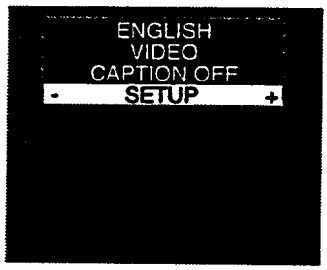
Operating Features

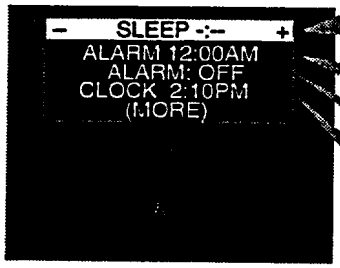
SETUP Menu

Press *MENU* until *SETUP* is highlighted. Then press + to select the *SETUP* menu. Press *MENU* to move down the menu and + and – to adjust each function.

Press *MENU* to select *SETUP*



1st *SETUP* Menu Screen



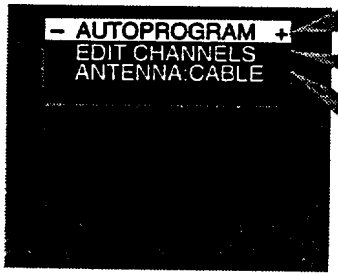
By setting the Sleep function, you program your TV to turn itself off after a certain period of time. This is useful whenever you want to watch TV for an hour or so before going to sleep. Press the + or – button to select the length of time you want the TV to stay on. *Details are on page 10.*

You can program your TV to turn itself on at a specific time by setting the *ALARM* time function and turning the *ALARM: ON/OFF* function *ON*. *Details are on page 11.*

The *ALARM: ON/OFF* function lets you turn the alarm on or off by pressing the + or – button. *Details are on page 11.*

After setting the *CLOCK* function, the time is displayed on the TV screen whenever you change channels or press *DISPLAY*. Press and hold – to set the correct hours and + to set the correct minutes. *Details are on page 3.*

Press *MENU* until the second *SETUP* Menu appears



When you press + or – to start the *AUTOPROGRAM* function, the TV cycles through all channels and places only the active channels for your area in its channel memory. The channel memory is the list of channels the TV stops on when you press *CHAN* up or down. *Details are on page 12.*

The *EDIT CHANNELS* function allows you to edit the channel memory by adding or erasing channels. *Details are on page 12.*

The *ANTENNA: CABLE/AIR* function tells your TV whether you have cable or a home antenna connected to it. The TV adjusts this function for you when you start the *AUTOPROGRAM* function. If you wish to adjust it manually, press + or – to switch between the *CABLE* and *AIR* setting.

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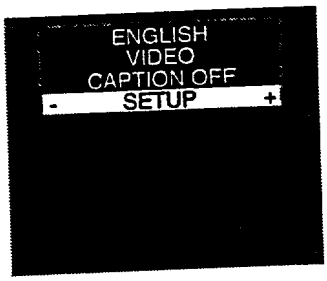
Sleep Timer Operation

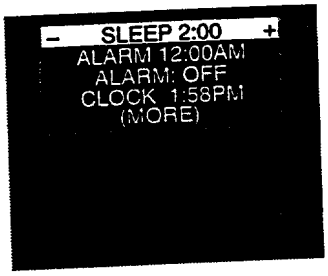
By setting the Sleep Timer, you can program your TV to turn itself off after a certain period of time (up to four hours). This is useful whenever you want to watch TV for an hour or so before going to sleep.

Setting the Sleep Timer

1. Press *MENU* until *SETUP* is highlighted. Then press + to select the *SETUP* menu.

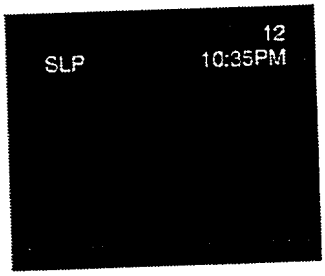


2. Press + to select the length of time you want the TV to stay on. Each press of the + button adds 30 minutes. Each press of the – button subtracts 30 minutes.

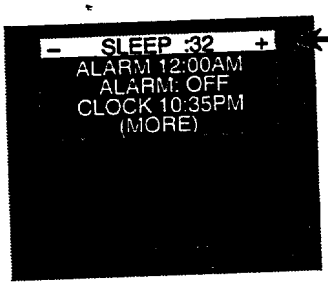


3. When finished, the display disappears from the screen in a few seconds. To make it disappear more quickly, press *CLEAR* on the remote.

4. When the Sleep Timer is turned on, the letters *SLP* appear on the screen whenever you change channels or stations or press *DISPLAY*.



5. Repeat step 1 to see the amount of time remaining before the TV shuts itself off.



32 minutes remaining

6. When the Sleep Timer counts down to one minute, the Sleep Timer display appears on the screen. When this display appears, press *CLEAR* to cancel the Sleep Timer if you want the TV to remain on.

Cancelling Sleep Timer

Press *MENU* until *SETUP* is highlighted. Then press + to select the *SETUP* menu. Press the – button until the screen shows "-:- -".

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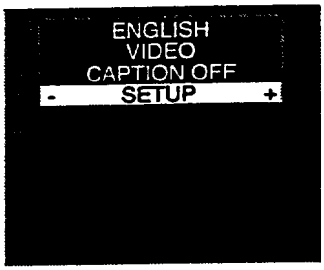
Alarm Timer Operation

The TV can be programmed to turn itself on at a specific time within a 24-hour period by setting the Alarm Timer. This is useful for using the TV as an alarm clock. Instead of waking up to a buzz, wake up to a favorite TV program. You may also set the timer for a special program that you might otherwise forget.

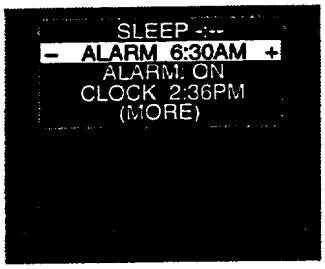
Once you set the Alarm Timer, the TV turns on at the preset time, stays on for one hour, and then shuts off. You may need to adjust the channel and volume level before activating the Alarm Timer. The Alarm Timer turns on the TV to the TV channel station and the volume level that was selected the last time the TV was on.

Setting the Alarm Timer

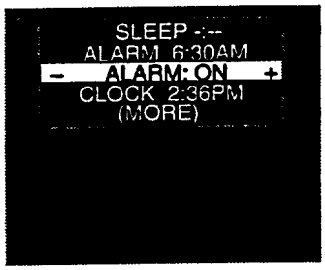
1. Press *MENU* until *SETUP* is highlighted. Then press + to select the *SETUP* menu.



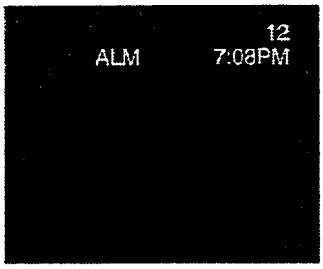
2. Press *MENU* until *ALARM* is highlighted. Press – to select the correct hour and press + to select the correct minutes.



3. After you set the *ALARM* time, press *MENU* to select *ALARM: ON/OFF*. Press + or – to switch this setting to the *ON* position.



4. When the Alarm Timer is turned on, the letters *ALM* appear on the screen whenever you change channels or press *DISPLAY*.

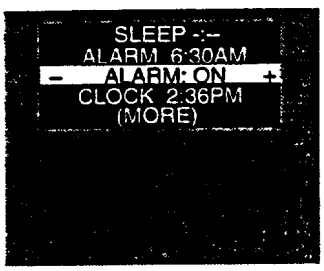


5. The TV turns on at the preset time and automatically sets the Sleep Timer to 1 hour (60 minutes). It operates for 60 minutes then shuts off.

6. To turn the TV off before the 60 minutes is up, just press *POWER* on the TV or the remote. If you wish to watch TV longer than 60 minutes, then cancel the Sleep Timer by setting it to "-:—". *Details are on page 10.*

Turning the Alarm On and Off

1. Press *MENU* until the *ALARM: ON/OFF* function is selected.



2. Press + or – to switch between *ON* and *OFF*.

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Operating Features

AutoProgramming Channel Memory

The Channel Memory is the list of TV channel numbers your TV will stop on when you press the *CHAN* up or down button. You can program any list of channels into the channel memory although your TV is so automatic that you will probably never need to manually operate this feature. If you do, follow the instructions at the right.

The first time you turn on the TV, it cycles through all channels and places active channels into the channel memory. You can then add or erase channels as desired by following the instructions in the "Editing Channel Memory" section at the right.

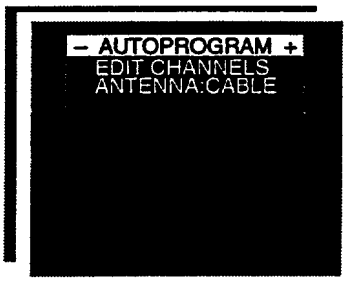
Notes:

- Signals from scrambled cable channels and some cable channels having unusual signal conditions may not be autoprogrammed.
- To prevent the TV from losing its channel memory, make sure the outlet you plug your TV into is "on" all the time. Do not plug the TV into an outlet that can be turned on and off by a wall switch. Also do not plug the TV into an outlet on the back of another device (such as a cable-TV converter box) that is turned off when the device is turned off.
- If there is an extended power failure, your TV will automatically reprogram active channels the first time you turn it on after the power failure.

1. Connect home antenna(s) or cable to your set.

2. Press *MENU* until *SETUP* is highlighted. Press + to select the *SETUP* menu.

3. Repeatedly press *MENU* until *AUTOPROGRAM* is highlighted.



2nd *SETUP* Menu

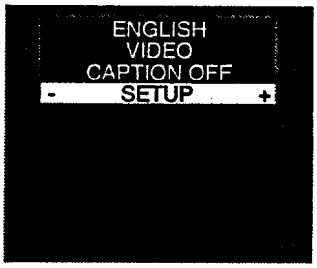
4. Press + to begin AutoProgramming. The TV cycles through all channels and places only active channels into memory.

5. When the TV finishes cycling, you can check the channels in memory by pressing *CHAN* up or down.

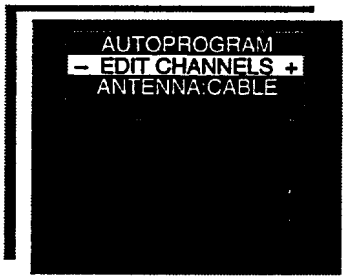
Editing Channel Memory

Follow these instructions to erase and add channels.

1. Press *MENU* until *SETUP is* high lighted. Press + to select the *SETUP* menu.



2. Repeatedly press *MENU* until *EDIT CHANNELS* is highlighted. Press + to select *EDIT CHANNELS*.

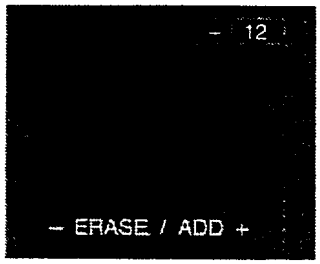


2nd *SETUP* Menu

3. Select the channel number by pressing *CHAN* up or down or two number buttons on the remote.

   When "+" appears next to the channel number, the channel is in the channel list. Press – to erase the channel.

   When "–" appears next to the channel number, the channel is not in the channel list. Press + to add the channel.



4. Press – to erase or press the + to add.

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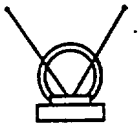
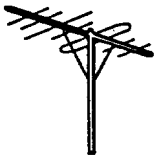
Connecting Your TV

Antenna/Cable Information

Most modern TV antennas receive both VHF (*Very High Frequency*) and UHF (*Ultra High Frequency*) channels. Channels 2-13 are VHF channels, and channels 14-69 are UHF channels.



Typical Indoor Antenna



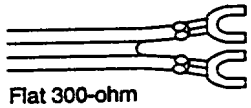
Typical Outdoor Antenna

In most situations you will get better picture quality if you use an outdoor antenna or connect your TV to a cable-TV system. If this is not possible, connect the indoor antenna supplied with your TV.

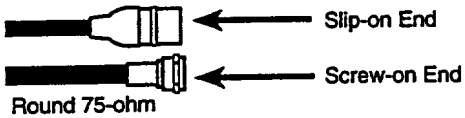
Cable-TV delivers both VHF and UHF channels and other channels not available from your antenna.

Shown below are two basic types of antenna cables. Signals from a home antenna may be conducted through either type. Cable-TV signals, however, are always conducted through round, 75-ohm coaxial cable.

Types of Antenna Cables

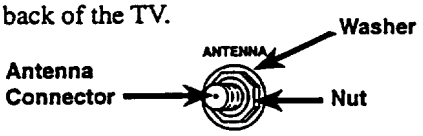


Flat 300-ohm twin-lead cable



Round 75-ohm coaxial cable

Use the connector shown below to connect your antenna or cable-TV system to the back of the TV.



IMPORTANT NOTE: Antenna connector, nut, and washer must be in place when TV is in use.

- Follow the instructions below if you intend to connect the indoor antenna supplied with your TV.

-or-

- Follow the instructions on *page 14* if you intend to connect an indoor or outdoor antenna to your TV.

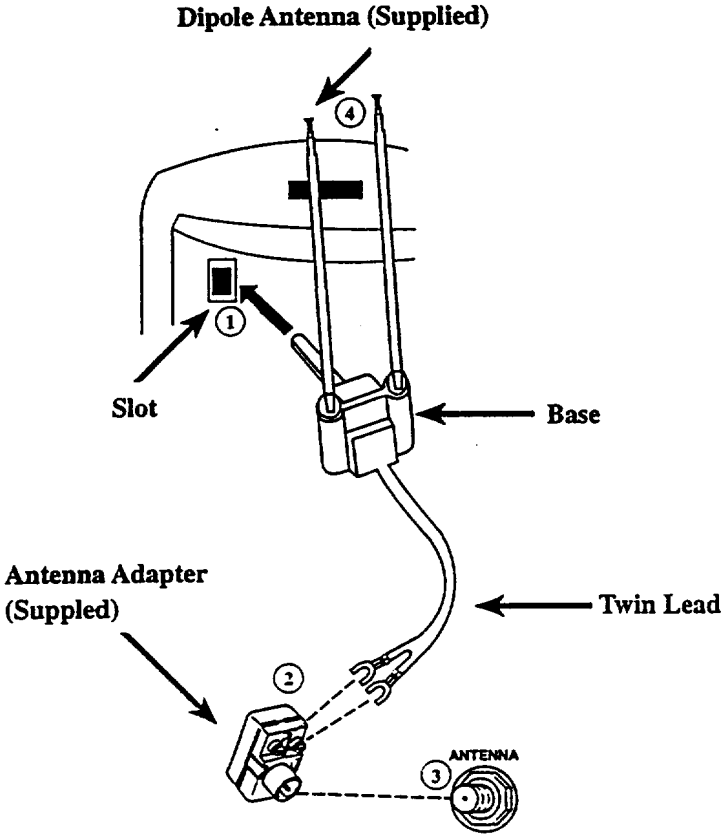
-or-

- Follow the instructions on *page 15* if you intend to connect a cable- TV system to your TV.

Dipole Antenna Connection

Follow the steps to connect the indoor antenna supplied with your TV (only if you do not connect an outdoor antenna or a cable-TV system).

1. Insert the antenna base into the pocketed slot on the back of your set. Stand at the back of your set with the antenna twin-lead facing you, and press the base of the antenna into the slot until it locks in place.
2. Connect the ends of the twin-lead to the Antenna Adapter (supplied).
3. Connect the Antenna Adapter to the *ANTENNA* connector on the back of the TV.
4. Later, after you've turned on the TV, adjust the length and position of the antenna rods for best reception.
   - For viewing VHF channels, extend the rods fully.
   - For viewing UHF channels, shorten the rods for best reception.



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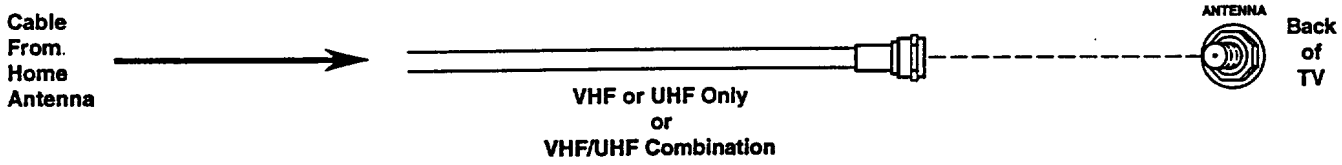
Connecting Your TV

Home Antenna Connections

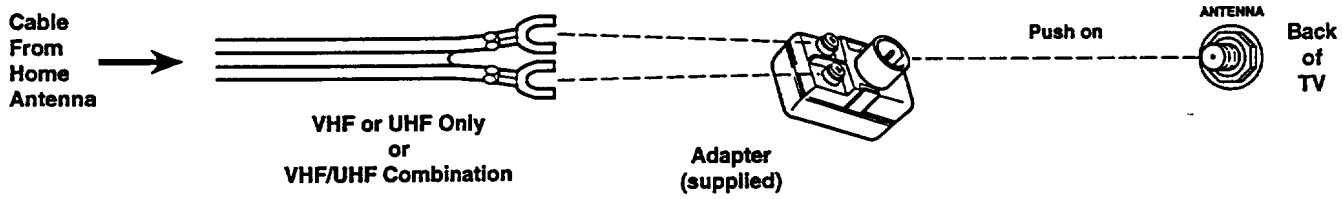
Follow one of the steps below to connect an indoor or outdoor antenna to your TV (not a cable-TV system).

A If the antenna cable coming from your home antenna is a 75-ohm round coaxial cable that carries only VHF (channels 2-13), only UHF (channels 14-69), or VHF and UHF channels, connect it to your set like this:



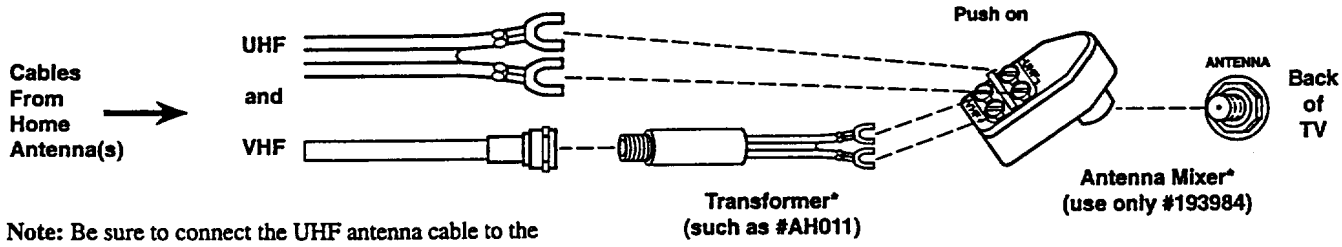
–OR–

B If the antenna cable coming from your home antenna is a 300-ohm flat twin lead that carries only VHF (channels 2-13), only UHF (channels 14-69), or VHF and UHF channels, connect it to your set like this:



–OR–

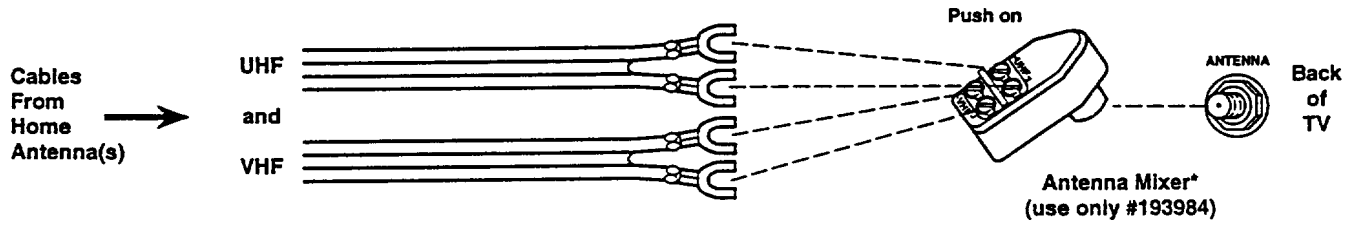
C If the antenna cables coming from your home antenna(s) are a 75-ohm round coaxial cable that carries VHF (channels 2-13) and a 300-ohm flat twin-lead cable for UHF (channels 14-69), connect them to your set like this:



Note: Be sure to connect the UHF antenna cable to the UHF screws on the Antenna Mixer and the VHF antenna cable to the screws marked VHF.

–OR–

D If the antenna wires coming from your home antenna(s) are two 300-ohm flat twin-lead cables as shown here, connect them to your set like this:



Note: Be sure to connect the UHF antenna cable to the UHF screws on the Antenna Mixer and the VHF antenna cable to the screws marked VHF.

* Optional accessory available from your dealer. Only use Antenna Mixer (Stock #193984).

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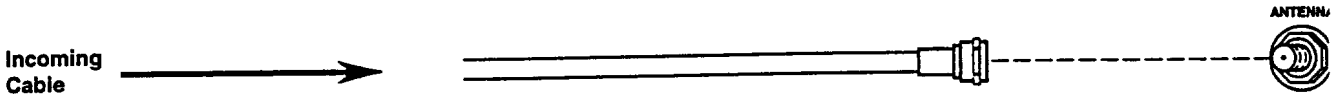
Connecting Your TV

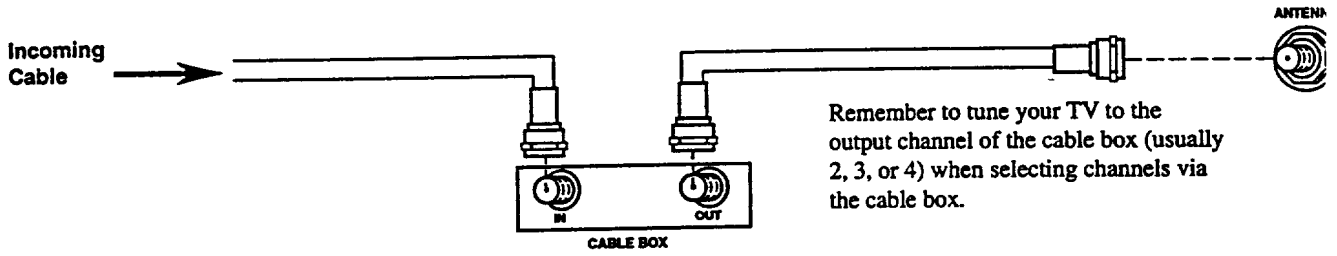
Cable-TV Connections

Follow one of these steps to connect a cable-TV system to your TV instead of a home antenna. Since cable-TV s
vary, you may wish to consult your local cable-TV company for additional information.

A Follow this diagram if your cable company does not require a cable box (no scrambled channels):

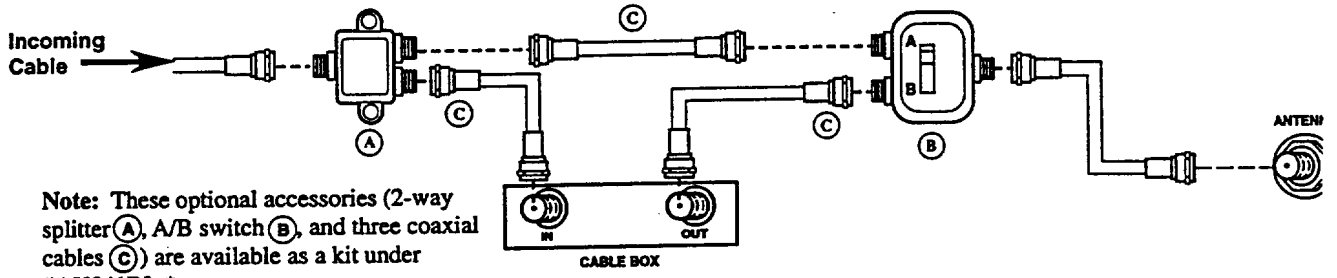


B Follow this diagram if your cable company requires a cable box that can be controlled by remote control:



Remember to tune your TV to the output channel of the cable box (usually 2, 3, or 4) when selecting channels via the cable box.

C Follow this diagram if your cable company requires a cable box that cannot be controlled by remote control:



Note: These optional accessories (2-way splitter (A), A/B switch (B), and three coaxial cables (C)) are available as a kit under #AH041BL.*

The "A" position on the A/B switch lets you select all non-scrambled channels by the TV's remote.

The "B" position allows you to select scrambl via the cable box. Remember to tune your TV output channel of the cable box (usually 2, 3, when selecting channels via the cable box.

* Optional accessories are available from most dealers or electronics supply stores.

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If you would like a copy of this manual in French, please follow the instructions below.

Si un livret d'instructions en français n'est pas inclus avec votre appareil, vous pouvez en obtenir un (INDIQUER LE NUMÉRO DE MODÉLE, VOTRE NOM, ET VOTRE ADRESSE) en vous adressant à:

Thomson Électronique Grand Public du Canada
Service des donnees techniques
6540 Tomken Road
Mississauga, Ontario, Canada
L5T 2E9

If your TV needs service, please contact your dealer or the nearest servicenter. Please do not send any products to the Indianapolis address listed below or on the box. This only adds delays for service of your TV. *For service information refer to the warranty page.*

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